

## ABSTRACT

Two dimensional arrays of molecules on a porous material are disclosed. Combinatorial arrays of molecules may include peptides, oligosaccharides, proteins, oligonucleotides, RNA, DNA, antibodies, and small organic molecules. The arrays can  
5 be used in high throughput screening methods to identify targets, receptors, hybridizing sequences, antibody epitopes, and other chemical and biological molecule-molecule interactions.

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